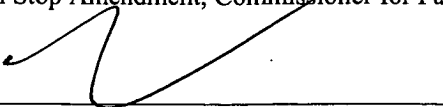


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Dated: November 6, 2006


Kevin L. Russell

Atty. Docket No.
7146.0124

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Baoxin Li, et al.

Group Art Unit: 2621

U.S. Pat. App. No.: 9/933,862

Examiner: TBD

Filed: August 20, 2001

Customer No.: 55648

Title: SUMMARIZATION OF FOOTBALL VIDEO CONTENT

INFORMATION DISCLOSURE STATEMENT
IN ACCORDANCE WITH 37 CFR §1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith three sheets of Form PTO-1449 (Modified) listing the patents and non-patent references of which Applicants are aware and which Applicants desire to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(c)(2), this Information Disclosure Statement is being submitted after the mailing date of a first Office Action on the merits of the above-identified application.

In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents and

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non-patent publications referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

The Examiner is requested to initial Form PTO-1449 and return an acknowledgment copy to the Applicant to confirm that the listed references were received and considered.

This Information Disclosure Statement is being submitted with the requisite fee of \$180.00. The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment, to Deposit Account No. 03-1550.

The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

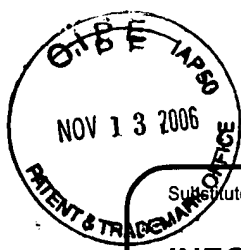
Respectfully submitted,

CHERNOFF, VILHAUER, McCLUNG & STENZEL

By: 

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Dated: November 6, 2006



PTO/SB/08A (07-05)

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Sheet

of

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Application Number 09/933,862

Filing Date August 20, 2001

First Named Inventor Li et al.

Art Unit 2621

Examiner Name TBD

Attorney Docket Number 7146.0124

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,321,635	03-23-1982	Tsuyuguchi	
		US- 4,520,404	5-28-1985	Von Kohorn	
		US- 4,729,044	03-01-1988	Kiesel	
		US- 4,937,685	06-26-1990	Barker et al.	
		US- 5,027,400	06-25-1991	Baji et al.	
		US- 5,101,364	03-31-1992	Davenport et al.	
		US- 5,148,154	09-15-1992	MacKay, et al.	
		US- 5,200,825	04-06-1993	Perine	
		US- 5,333,091	07-26-1994	Iggulden et al.	
		US- 5,339,393	08-16-1994	Duffy et al.	
		US- 5,424,770	06-13-1995	Schmelzer, et al.	
		US- 5,434,678	12-31-1986	Abecassis	
		US- 5,559,549	9-24-1996	Hendricks, et al.	
		US- 5,589,945	12-31-1996	Abecassis	
		US- 5,600,364	02-04-1997	Hendricks et al.	
		US- 5,600,573	02-04-1997	Hendricks et al.	
		US- 5,610,653	03-11-1997	Abecassis	
		US- 5,634,849	06-03-1997	Abecassis	
		US- D381,991	08-05-1997	Hendricks	
		US- 5,659,350	08-19-1997	Hendricks et al.	
		US- 5,664,046	09-02-1997	Abecassis	
		US- 5,675,752	10-7-1997	Scott et al.	
		US- 5,682,195	10-28-1997	Hendricks et al.	
		US- 5,684,918	11-04-1997	Abecassis	
		US- 5,696,869	12-09-1997	Abecassis	
		US- 5,710,884	01-20-1998	Dedrick	
		US- 5,717,814	02-10-1998	Abecassis	
		US- 5,724,472	03-03-1998	Abecassis	
		US- 5,734,853	03-31-1998	Hendricks et al.	
		US- 5,761,881	06-09-1998	Wall	
		US- 5,774,357	06-30-1998	Hoffberg et al.	
		US- 5,797,001	08-18-1998	Augenbraun, et al.	
		US- 5,798,785	08-25-1998	Hendricks	
		US- 5,861,881	01-19-1999	Freeman et al.	
		US- 5,867,386	02-01-1999	Hoffberg et al.	
		US- 5,875,107	02-23-1999	Hoffberg et al.	
		US- 5,875,108	02-23-1999	Hoffberg et al.	
		US- 5,892,536	04-06-1999	Logan et al.	
		US- 5,900,867	05-04-1999	Schindler et al.	
		US- 5,901,246	05-04-1999	Hoffberg et al.	
		US- 5,903,454	05-11-1999	Hoffberg et al.	
		US- 5,913,013	06-15-1999	Abecassis	
		US- 5,920,477	07-06-1999	Hoffberg et al.	
		US- 5,926,624	07-20-1999	Katz et al.	
		US- 5,933,811	08-1999	Angles et al.	
		US- 5,958,006	09-28-1999	Eggleston et al.	
		US- 5,973,683	10-26-1999	Cragun et al.	
		US- 5,986,690	11-16-1990	Hendricks	

	US- 5,986,692	11-16-1999	Logan et al.	
	US- 5,987,211	11-16-1999	Abecassis	
	US- 5,990,927	11-23-1999	Hendricks et al.	
	US- 6,002,833	12-14-1999	Abecassis	
	US- 6,011,895	01-04-2000	Abecassis	
	US- 6,038,367	03-14-2000	Abecassis	
	US- 6,052,554	04-18-2000	Hendricks et al.	
	US- 6,067,401	05-23-2000	Abecassis	
	US- 6,072,934	06-06-2000	Abecassis	
	US- 6,081,750	06-27-2000	Hoffberg et al.	
	US- 6,088,455	07-11-2000	Logan et al.	
	US- 6,091,886	07-18-2000	Abecassis	
	US- 6,151,444	11-21-2000	Abecassis	
	US- 6,160,989	12-12-2000	Hendricks, et al.	
	US- 6,161,142	12-12-2000	Wolfe et al.	
	US- 6,169,542	01-02-2001	Hooks et al.	
	US- 6,181,335	01-30-2001	Hendricks et al.	
	US- 6,201,536	03-13-2001	Hendricks, et al.	
	US- 6,208,805	03-27-2001	Abecassis	
	US- 6,215,526	04-10-2001	Barton et al.	
	US- 6,216,129	04-10-2001	Eldering	
	US- 6,230,501	05-15-2001	Bailey, Sr., et al.	
	US- 6,233,389	05-15-2001	Barton et al.	
	US- 6,252,544	6-26-2001	Hoffberg	
	US- 6,269,216	07-31-2001	Abecassis	
	US- 6,275,268	08-14-2001	Ellis et al.	
	US- 6,289,165	09-11-2001	Abecassis	
	US- 6,304,715	10-16-2001	Abecassis	
	US- 20020013943	01-31-2002	Haberman et al.	
	US- 20020018594	02-14-2002	Xu et al.	
	US- 20020083473	06-2002	Agnihotri et al.	
	US- 20020120929	08-2002	Schwalb et al.	
	US- 20020184220	12-05-2002	Teraguchi et al.	
	US- 20020194589	12-2002	Cristofalo et al.	
	US- 20030001880	01-2003	Holtz et al.	
	US- 20030026592	02-06-2003	Kawhara et al.	
	US- 20030081937	05-2003	Li	
	US- 6,597,859	07-2003	Leinhart et al.	
	US- 20040017389	01-2004	Pan et al.	
	US- 20040088289	05-2004	Xu et al.	
	US- 20040125877	07-2004	Chang et al.	
	US- 20040227768	11-18-2004	Bates et al.	
	US- 6,931,595	08-2005	Pan et al.	
	US- 6,981,129	12-27-2005	Boggs et al.	
	US- 6,993,245	01-31-2006	Harville	
	US- RE36,801	08-01-2000	Logan et al.	
	US- D348,251	06-28-1994	Hendricks	
	US- D354,059	01-03-1995	Hendricks	
	US- D368,263	03-26-1996	Hendricks	
	US- D402,310	12-28-1998	Hendricks	
	US- D435,561	12-26-2000	Pettigrew, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)				
		WO 99/65237	12-16-1999			
		JP 11-032267	02-02-1999			
		JP 11-261908	09-24-1999			
		JP 2000-013755	01-14-2000			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Y. KAWAI, et al., "Detection of Replay Scenes in Broadcasted Sports Video by Focusing on Digital Video Effects," IEICE (D-II), Vol. J84-D-II, No. 2, pp. 432-435, February 2001 (in Japanese).	
		NOBORU BABAGUCHI, "Towards Abstracting Sports Video by Highlights," ISIR, Osaka University, Ibaraki, Osaka 567-0047, Japan, IEEE 2000, pp. 1519-1522.	
		ALAN E. BELL, "The dynamic digital disk," IEEE Spectrum, October 1999, pp. 28-35.	
		INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, ISO/IEC JTC1/SC29/WG11/N3399, CODING OF MOVING PICTURES AND ASSOCIATED AUDIO, "Visual Working Draft 3.0," June 2000, Geneva.	
		INTERNATIONAL ORGANISATION FOR STANDARDISATION, ISO/IEC JTC1/SC29/WG11/N3398, CODING OF MOVING PICTURES AND ASSOCIATED AUDIO INFORMATION, "MPEG-7 Visual Part of eXperimentation Model Version 6.0," June 2000, Geneva.	
		INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, ISO/IEC JTC 1/SC 29/WG 11/N3410, CODING OF MOVING PICTURES AND AUDIO, "MPEG-7 Multimedia Description Schemes XM (Version 3.0), May 2000, Geneva.	
		INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ISO/IEC JTC 1/SC 29/WG 11/N3411, CODING OF MOVING PICTURES AND AUDIO, "MPEG-7 Multimedia Description Schemes WD (Version 3.0), May 2000, Geneva.	
		INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, ISO/IEC JTC1/SC29/WG11/N3391, CODING OF MOVING PICTURES AND ASSOCIATED AUDIO, "DDL Working Draft 3.0," May 2000., Geneva.	
		INTERNATIONAL ORGANISATION FOR STANDARDISATION, ISO/IEC JTC1/SC29/WG11/N2844, CODING OF MOVING PICTURES AND AUDIO INFORMATION, "MPEG-7 Description Schemes (V0.5)," July 1999, Vancouver.	
		INTERNATIONAL ORGANISATION FOR STANDARDISATION, ISO/IEC JTC1/SC29/WG11/MXXXX, "MPEG-7 Media/Meta DSs upgrade (V02.), October 1999, Melbourne.	
		ISO/IEC JTC 1/SC 29 N3705, "Information Technology – Multimedia Content Description Interface – Part 5: Multimedia Description Schemes," November 17, 2000	
		INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, ISO/IEC JTC 1/SC 29/WG 11/N3966, "Information technology – Multimedia Content Description Interface – part 5: Multimedia Description Schemes, March 12, 2001.	
		"XML Schema Part 1: Structures," W3C Working Draft, May 6, 1999, pp. 1-60.	
		"XML Schema Part 2: Datatypes," World Wide Web Consortium Working Draft, May 6, 1999, pp. 1-37.	
		"A Schema for TV-anytime: Segmentation Metadata AN195," NDS Contribution from MyTV, Copyright NDS Limited 2000, pp.1-27.	
		"A Schema for TV-Anytime Segmentation Metadata AN195r1," myTV project, Copyright NDS Limited 2000, pp. 1-28.	
		CHRISTEL, MICHAEL G., HAUPTMANN, ALEXANDER G., WARMACK, ADRIENNE S., AND CROSBY, SCOTT S., "Adjustable Filmstrips and Skims as Abstractions for a Digital video Library," Computer Science Department, Carnegie Mellon University, Pittsburgh, PA; pp. 1-7.	
		MASUMITSE, KEN AND ECHIGO, TOMIO, "Video summarization Using Reinforcement Learning in Eigenspace; IBM Research, Tokyo Research Laboratory 1623-14, Shimotsuruma, Yamatoshi, Kanagawa, Japan.	
		LU, H.B., et al. "Robust Gradual Scene Change Detection, IEEE International conference on Image Processing, Kobe, Japan, 1999, consisting of five pages.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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